From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: 2-B mute problem
Message-ID: <1.5.4.16.19970425055442.0f1f1404@ms1.nwla.com>

howdy fellers

did a little work on the 2-b this morning. Im having
problems in that the standby switch will not put the
rig in standby. At first, the rf gain control would
not even shut the rig completely off. But a fine adjust ment
of R48, the bia control, the RF gain control does all its
supposed to do. The rig is recieving fine, with a S6 meter
reading with a .5 MV signal injected at the antenna.

Now, checking the manual, closing the standby switch applys
-18V to the avc, thus effectively shutting off the reciever. It
does not remove b+. Measuring this voltage, it is only -.9 volts
at anytime. Hmmm... leaky cap somewhere? Could C68 which is a
1mf 500vdc cap, be bad? Where should one look for this problem?

Ronnie

| Ronnie Hull - W5SUM ex-WB5AIA |
| 3131 Meadow Parkway dr. |
| Shreveport, La 71108 |
| |
| 318-688-1389 318-687-3135 Fax |
| 10X - 2019 "try ten meters!! " |
| |
| looking for a Johnson 500 |
| (go ahead and snicker!!) |

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: jmlckwd@mindspring.com (Jim Lockwood)
Subject: Re: 2-B mute problem
Message-ID: <199704251607.MAA05263@borg.mindspring.com>

At 11:56 AM 4/25/97 GMT, Ronnie Hull wrote:
>howdy fellers
>
>did a little work on the 2-b this morning. Im having
>problems in that the standby switch will not put the
>rig in standby.
> Where should one look for this problem?

The mute/AGC circuit in a 2B is extremely hi-Z and the least bit of leakage will upset the circuit.

I tracked an identical sounding problem in one of my 2Bs to a 2 megOhm conduction path between the resistance element of the AGC pot and ground. That the pot itself was a 2 megOhm pot immediately lets you know that the leakage represented a significant part of the circuit.

Testing for this particular problem is easy. Untwist the mounting lugs on the pot and let it hang free while you try the STBY postion of the switch. If the receiver now mutes properly, that was the problem.

As recently as a year ago, Drake still serviced this pot, in case you need one.

73,

Jim - km6nk/4

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: n5off@w5ddl.aara.org
Subject: 500 More 390A's Out There
Message-ID: <23712@w5ddl.aara.org>

St Julian's Creek has 500 more 390A's hitting the market. A batch was sold yesterday, and another will go in early May.

I'll try and find out who got the batch from yesterday.

73 Tom

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>
Subject: 75A4 filter problem: Some answers
Message-ID: <3360BECD.5485@facstaff.wisc.edu>

Hi everyone,

I finally got to the bottom of the F455J05 filter problem. Just to recap, when I installed my newly purchased F455J05 filter in my A4, signals read about 15 dB less than through the 3.1 filter. I tried the 0.5 filter in a second A4, and there was practically no difference in signal strength between the two filters.

Last night I swapped 3.1 filters in the A4s. Turns out the 3.1 filter in

the second A4 is also down 10-12 dB from the 3.1 filter in the first A4. So, I left the 3.1 filter from the second A4 in the first A4. Now all three filters match within a few dB (I also have the 6kHz filter). There is plenty of extra IF gain available to compensate for the greater attenuation. Problem solved. I guess that one could argue that I now have three bad filters in my A4. But to my ears and eyes it's A OK! The really annoying thing was having such a big difference in strength between filters. These may exhibit greater losses, but at least it's uniform. The response through this 3.1 filter actually sounds a bit smoother. Maybe the 3.1 filter with less atenuation is somehow faulty.

One final note: The F455J05's label has a round emblem Collins logo. Apparently this filter was made long after the "A" line was discontinued.

Thanks again to all who offered helpful suggestions. I'm glad I didn't have to take the soldering iron to my A4.

73,

Clark, KD9QI

cmthomp1@facstaff.wisc.edu

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: RE: Anyone use EICO 950B?
Message-ID: <A5464ZWUTPP0OF*/R=OUVAXA/R=A1/U=POST/@MHS>

>Does anyone have experience with this unit for testing caps that
>could comment on its practical value and how it basicly operates?

Don't have a complete manual. The EICO performs as well as most general purpose bridge cap checkers. Biggest problem I have had with these is leakage in the standard caps. The .02 mF standard cap was the worst one. The major symptom of a leaky standard cap is a very indistinct opening/ closing of the eye tube even with a known good cap at the test leads. Just replace the cap with one of fairly accurate capacitance. Pad it if you need to. I use a General Radio 1650B that does 1% or so to check caps for value in choosing a replacement standard. Once the standard is fairly accurate, the readings on the 950B should be decently close to the markings.

Watch the "gotchas" on this one. There is a 45 volts or so AC potential between the black lead (normally ground, right?) and the case of the 950B depending on the range. Enough current to light your typical night light

lamp nicely. And B+ of course on electrolytic checks. Run a voltmeter on the various test functions of the 950B so you won't get surprised.

The 950B also has the ability to measure inductances by comparison to an external standard connected to the binding posts on the left hand side. Nice extra feature.

I also have one of the Sprague's (TO-4). Personally, I prefer the 950B because it does NOT have those push button switches. My TO-4 was loaded with those very leaky color-stripe black caps.

73 de Rich KB8TAD   <rpost1@ohiou.edu>

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: John <johnmb@mindspring.com>
Subject: big mil ad...
Message-ID: <199704250106.VAA18799@brickbat9.mindspring.com>

For those of you who have access to Shotgun News, there's an ad on page 166, of Vol 51, issue #13 (first one in May) by Gene, KD4YIZ (Military Marketing) with about 25 column inches of radios, manuals, mics, etc...

Some samples:
AN/GRR5, T-195B, SP-600, BC222, GRC106, BC348 Rackmount (Delta Airlines), many mics, keys,

Manuals: BC610, R388,BC221, Hammarlund SP BC779/Bc794/BC1004, I777 tube tester,..looks to be many many (dozens and dozens) more, listed mostly by TM number...

I have no connection ,nor experience with this person, though I know he runs large ads for mil equipment quite often, over the past years in this magazine. He solicits inquiries and his phone is
770-729-9315

I'll be happy to look things up for you if you dont have access to SGN.
Best 73
/John

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Tim Richardson <tim@america.net>

Subject: Re: BRISTO Wrenches
Message-ID: <2.2.32.19970424224209.006b4600@pop.america.net>

At 12:22 AM 4/23/97 GMT, Rob W4RL wrote:
>not to use Allen wrenches (I wonder why), and I am in dire need to
>locate a source for BRISTO style wrenches. I phoned over a dozen places

Many of the auto parts stores in my area carry them. Ask for bristol spline
wrenches.

Tim Richardson WB4HZT Acworth, GA <tim@america.net> http://www.america.net/~tim/
"Those who cannot remember the past are condemned to relive it."-Santayana

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: williams@snowhill.com
Subject: Re: BRISTO Wrenches
Message-ID: <335F0868.398C@snowhill.com>

> Bob, A good source for Bristo wrenches (aka Bristol, Spline keys) is
> McMASTER-CARR supply company, located in Santa Fe Springs, CA. They have
> individual keys from .033 to .454 in dia. Here are some of the popular
> sizes: #4 set screw: .060" 6-flute (7048A14), #5: .069" 4-flute
> (7048A15), #5&#6: .072" 6-flute (7048A17), #6: .076" 4-flute(7048A16),
> #8: .096" 6-flute (7048A18), #10: .111" 6-flute (7048A19).
> They also have a 9 piece Spline set (7048A54) and a spline driver set
> (5531A11). My catalog is fairly old but their prices were in the $.60
> range for individual keys, $7.00 for the 9 piece set, and $35 for the
> driver set. I use my driver set all the time.
> BTW this company has a great catalog that is virtually unobtainable
> unless you work for a company that gives them a lot of business. I've
> heard that there is a "black market" for their catalogs.
> Hope this helps, John, KU6X

Good source for everything. I just ordered mine last month. I gave them
a company name to get the catalog. This is a *BIG* book too. Probably
about 3 inches thick. Takes 4-6 weeks to arrive.

My boss is probably the best illustrator/designer in the tri-states
area. He finally gave me his secret weapon for illustration tips and
styles. The McMaster-Carr catalogue! They probably hire the most
talented artists in the country to do wheels, gears, and everything
else. He said that once you get on the mailing list they send catalogs
regularly. Probably the best hardware catalog in existence. I called the
Atlanta office.

Thanks for the Bristo wrench tip. Good prices. I'll get mine.

Barry

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: n5off@w5ddl.aara.org
Subject: Bristo/Bristol in Manual
Message-ID: <23486@w5ddl.aara.org>

My BA manuals are mostly out in the workshop, so i don't have the
reference here, but as I recall, the manual for the ARR-15
references the wrenches as both Bristo and Bristol, one is the name
of the wrench, and the other is the company which supplied the wrench
(and I believe it is in the order shown above) so both terms are
correct (sort of) depending if you are talking about the wrench or the
company.

See the parts list for the ARR-15 for details.

73 all
Tom N5OFF

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: Bristo/Bristol in Manual
Message-ID: <3.0.1.32.19970424214510.00717e4c@mailman.ghgcorp.com>

>references the wrenches as both Bristo and Bristol, one is the name
>of the wrench, and the other is the company which supplied the wrench

Interesting! Now, I don't remember where I heard this, but I heard that
Bristo was the typo, and it should have been Bristol, as the company that
invented the spline wrench was the Bristol something-or-other company,
located in Bristol, Connecticut, which was very close to the town where I
grew up (Newtown, Connecticut).

Anyone know fer sure?

73,
Ben "curious George" Hall

Benjamin D. Hall, junque collector extraordinaire.
Located in Houston, Texas.
e-mail: BDHall@ghg.net
On the web at http://www.ghgcorp.com/bdhall

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: w2ec@VNET.IBM.COM
Subject: Bristol Wrenches
Message-ID: <199704251808.SAA06669@sco.theporch.com>

With all this discussion on Bristol wrenches, can someone point me to the sizes needed for the various BA's that seem to use them? I saw this posted before and thought I saved the reference, but can't find it. I'm primarily interested in what wrenches are required for the Collins S-Line and the R-390A.

Does anyone know if this Xcelite kit contains all the ones needed? Especially the real tiny ones on the Collins S-Line PTO shaft?

>The set you are looking for is part number 99PS-60. It is an 11 piece bristol
>spline set in inch sizes from 0.048 to 0.183. It includes an extension and a
>regular handle all in clear plastic case/box.

73, Ray W2EC

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Warren, Mike" <mwarren@fs.com>
Subject: Bristol wrenchs
Message-ID: <c=US%a=_%p=FSFT%l=EMAIL-970425152744Z-316@email.fs.com>

Hi Gang,

Below is a reply I received in response to a query for a XCELITE Bristol wrench set:

>The set you are looking for is part number 99PS-60. It is an 11 piece bristol
>spline set in inch sizes from 0.048 to 0.183. It includes an extension and a
>regular handle all in clear plastic case/box.

>The set is $34.51 plus $5.00 for shipping and handling and it is in stock here
>in Virginia.

>Arcade Electronics, Inc.
>5655-F General Washington Drive
>Alexandria, VA 22312
>703-256-4610

73,

Mike W5MAZ (in MN)

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Garey Barrell, K4OAH" <75025.73@CompuServe.COM>
Subject: Cathode Modulation
Message-ID: <970425152334_75025.73_FHD49-1@CompuServe.COM>

Another Radio Magazine find.

The February 1940 issue has an article entitled "Parallel Cathode Modulation", by Ray L. Dawley, W6DHG. A boxed note says that "The October 1939 issue of RADIO introduced practical cathode modulation." I don't have that issue, but the footnotes say:

"Cathode Modulation." Jones (of course!), RADIO, October 1939, p. 14

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Cheney,Charlie" <ccheney@foxboro.com>
Subject: Collins 18-M Xmtr/Rcvr
Message-ID: <c=US%a=_%p=SCD%l=SCD/FOXBORO/0001406F@xchange_fox.foxboro.com>

I am trying to find information on the Collins 18-M transmitter/receiver. I believe there was an article about it in Electric Radio a few years ago but I have never seen it. Can anyone help?

Thanks,
Charlie AA1HB

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Tom Norris <badger@telalink.net>
Subject: Concerning the "bristo" wrench....
Message-ID: <3.0.1.32.19970424182215.0078e9e0@telalink.net>

Going through the archive, I find many requests for bristo/bristol/ spline wrenches for varous Collins gear. I also see lots of folks scolding others on the correct spelling of the word. The most common correction is of the spelling "bristo".

I have yet to see a military manual, be it Army, Navy or AF that does

call it just that. I am using my manual library as reference, but it DOES seem to be the common spelling in most of those. Of course that doesn't make it the CORRECT spelling ----- as I soon found out in my long long quest for the critters some years back.

The correct term seems to be "spline" wrenches/keys, with "Bristol" being sencond most understood term by those who sell tools in this area. Xcelite calls their "type 99" kit a "Bristol Spline" kit to remove all doubt! It just doesnt seem to be a commonly asked for tool these days or in the past, according to one source who has ran a large electronics store here in Nashville for many years now. Luckily the wrenches are available from Xcelite, Snap-On, Proto, and most other large makers of tools. Locally, they were available from just those 3 sources, with the Xcelite (believe it or not) being the least expensive. Xcelite also has a no-break policy on their tools like Craftsman and Snap-On and such, so even at the high price it isnt that bad a deal for a complete kit. I personally use the things on equipment other than BA's, so the kit has been very handy for me. The #8 does get the most use....

An even more harrowing experience is finding spline FASTENERS!
The local bulk-harware dealers seem to have them listed, but most confess as to never having seen any they do exist, though. Be prepared to wait months if your local hardware wholesaler doesnt stock them though.

Just thought I would ramble a bit.....

****
 Tom Norris KA4RKT
 badger@telalink.net   Nashville, Tennessee, USA

  Eagles may soar free and proud, but weasels
       never get sucked into jet engines.
****

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: k7sz@juno.com (Richard H. Arland)
Subject: Re: CPRC-510/RT-5010 info needed
Message-ID: <19970425.014623.6967.1.k7sz@juno.com>

On Thu, 24 Apr 97 08:11:08 EDT rsolomon@tsd.textron.com writes:
>   Can you pass me Mr. Starks address (e-mail/URL/??)

>   Tnx, Dick, W1KSZ
>Gang:
>
>Just got off the fone with Dennis Starks from Missouri who puts out a
>HUGE MIL-BA want/trade list.

As far as I know, Dennis is NOT on internet. I had a fone number that I used to contact him. The list I receiveced some months ago from another friend who got it on diskette.

73 rich K7SZ

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Garey Barrell, K4OAH" <75025.73@CompuServe.COM>
Subject: Crystal Manufacturers
Message-ID: <970425152336_75025.73_FHD49-2@CompuServe.COM>

A while back someone made an observation of the large number of crystal manufacturers. Reading some of the Radio Magazines obtained recently from a list member, (thanks Don,) I came across the following boxed notice in the November 1941 issue.

[QUOTE]
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=

CRYSTAL GRINDERS NOTE
We are in receipt of an urgent request
from a government department for the
"Cathode Modulation Operating Data," RADIO Staff, RADIO,
December 1939, p. 16 (Got this one)

"Series Cathode Modulation", Dawley, RADIO, December 1939,
p. 24

This really was a special magazine!

73, Garey - K4OAH
75025.73@compuserve.com
Atlanta

names and addresses of everyone who
has in the past or currently does grind
quartz crystals. If you have done this
type of work please send the following
information by airmail to Radio, 1300
Kenwood Road, Santa Barbara, Cali-
fornia.

NAME, ADDRESS, TYPE OF WORK
DONE AND EXPERIENCE IN ALLIED
FIELDS, KIND OF EQUIPMENT ON
HAND, WORK BEING DONE AT THE
PRESENT TIME, WHETHER YOU CAN
DO SUPERVISORY WORK, WHETHER
YOU CAN DO PART TIME OR FULL
TIME WORK.

We will insure that all information you
send will be kept in confidence, and
that it will be sent to the proper govern-
ment agency immediately.

-=-

[ENDQUOTE]

A couple of thoughts. Can you imagine the
response to such a request these days.

"You want to REGISTER all quartz crystal
grinders????!?!?"

"That's a violation of our constitutional
right to privacy!"

Also thought the street address for Radio
was prophetic?

73, Garey - K4OAH
75025.73@compuserve.com
Atlanta

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: leeboo@ct.net (Leon Wiltsey)
Subject: dial restring plus
Message-ID: <199704241653.MAA14974@blue.ct.net>

Hi Gang Lee here

Need some info saw postings on this subject awhile
back so someone knows all about it.
Received the receiver I baught from Bighorn, sx101 , it was pretty much as he
described it. am now trying to find out how long it has been since it was

running.
But thats another subject, what I need to know is where do
you get dial cord and what is a good replacement type cord to use?

Ok since I got your attention I will ask the second question.
in the likely event the rec has not had power to it for years,
what is the best way to fire it up? I do not have a variac, but thought
I might put a 150 watt bulb in series with the line voltage to
ease the shock of all those volts hitting it after a long while, any suggestions
will be appreciated.

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)
4600 Lake Haven blvd...
Sebring fl 33872.....

68yr old retired semi disabled senior
(stroke got my balance and coordination)
formerly w4kcj & kp4ryb (till I quite) dumb dumb
waiting for my tech+ lic to arrv 73's
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
Subject: DRAKE PTO QUESTION
Message-ID: <9704241611.aa24221@pcusa01.ecunet.org>

Thanks for all the responses to my query on interchangeability of Drake
PTO's, from R-4* and T-4*, to TR-4*.

Drake tells me that they *are* interchangeable.

 -John Sehring (Thu, Apr 24, 1997 12:59 pm MT @Baker, Montana) UCC WB2EQG

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: k5jv@vonl.com (Lon W. Cottingham)
Subject: estate sale
Message-ID: <335FF347.764@vonl.com>

Greetings to all,

Most of the items from my recent estate sale have gone despite all of the E-mail problems on this end. Here is a list of the items that remain and need a new home.

RE Collins complete S-line excellent condition in orig. boxes
WE Collins complete S-line in good condition
WE Collins KWM II average condition with PS
2 RE Collins 75S3B's in excellent condition
WE Collins 75S2 in excellent condition
WE Collins 75S3A excellent condition
RCA-AR-88F, plays good, the best looking AR-88 I have seen

National HRO-60 with at least 4 coil sets excellent condition
National HRO-50 with at least 4 coil sets average condition
2 Johnson Desk KW's with desks, new silkscreening looks great
--

The Johnson Desk KW's will be offered alone or as a package with a Ranger and choice of receiver, RCA-AR-88F, HRO-60, or HRO-50. The RE S-line is as close to new as anything I have seen in years.

73 de Lon, K5JV

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Re: estate sale
Message-ID: <2.2.16.19970424210433.35ef0474@mail.communique.net>

Hey guys,
I was lucky enough to see this stuff in person on my way over to Belton. I managed to get a Ranger in very good shape from Lon. All the stuff he list here is in very pristine condition. Lon is very honest in his estimate's of condition and is a great guy to do business with. Only wish I had more time to spend with him (the XYL was sitting in the van reading a book the whole time!)

Later,
Keith KK5FE

At 11:54 PM 4/24/97 GMT, you wrote:
>Greetings to all,
>
> Most of the items from my recent estate sale have gone despite all of
>the E-mail problems on this end. Here is a list of the items that

>remain and need a new home.
>
>   RE Collins complete S-line excellent condition in orig. boxes
>   WE Collins complete S-line in good condition
>   WE Collins KWM II average condition with PS
>   2 RE Collins 75S3B's in excellent condition
>   WE Collins 75S2 in excellent condition
>   WE Collins 75S3A excellent condition
>   RCA-AR-88F, plays good, the best looking AR-88 I have seen

>   National HRO-60 with at least 4 coil sets excellent condition
>   National HRO-50 with at least 4 coil sets average condition
>   2 Johnson Desk KW's with desks, new silkscreening looks great
>--
>   The Johnson Desk KW's will be offered alone or as a package with a
>Ranger and choice of receiver, RCA-AR-88F, HRO-60, or HRO-50. The RE
>S-line is as close to new as anything I have seen in years.
>
>
>73 de Lon, K5JV
>

 ____
        -------Keeper of all that I buy-------
                      ----AMI# 837----
------Visit my vintage Radio Web Site-------
 ----http://www.communique.net/~kk5fe---
 ____

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: "Richard L. Duell" <rduell@iac.net>
Subject: FS - MIT Radiation Lab Books
Message-ID: <2.2.32.19970424231637.00694710@iac.net>

Some time ago I picked 15 of the 28 books in the MIT Radiation Laboratory
series published by McGraw Hill in the late forties. They are all hard
bound and have the usual gold trim that nice books have. I have the
following volumes:

#1 - Radar System Engineering - Ridenour - 748 pages
#3 - Radar Beacons - Roberts - 489 pages
#5 - Pulse Generators - Glasoe & Lebacqz - 741 pages
#8 - Priciples of Micowave Circuits - Montgomery, Dicke and Purcell - 486 pages
#11 - Technique of Microwave Measurements - Montgomery - 939 pages
#15 - Crystal Rectifiers - Torrey and Whitmer - 443 Pages
#16 - Microwave Mixers - Pound - 381 pages
#17 - Components Handbook - Blackburn - 626 pages

#18 - Vacuum Tube Amplifiers - Valley and Wallman - 743 pages
#19 - Waveforms - Chance, Hughes, MacNichol, Sayre and Williams - 785 pages
#21 - Electronic Instruments - Greenwood, Holdam and MacRae - 721 pages
#23 - Microwave Receivers - Van Voorhis - 618 pages
#24 - Threshold Signals - Lawson and Uhlenbeck - 388 pages
#25 - Theory of Servomechanisms - James, Nichols and Phillips - 375 pages
#28 - Index - Henney - 160 pages

All told, 8,643 pages of really neat boatanchor text, diagrams, pictures, graphs, charts and schematics. They are in good shape and haven't been stored in a damp basement or in the garage.

I want to find one good home for all of the volumes and would like to get $200 plus shipping for the lot. Anyone interested?

73, Rich - W5VDU

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Gabor Karsai <gabor@vuse.vanderbilt.edu>
Subject: G-186?
Message-ID: <199704251736.MAA20624@vuse.vanderbilt.edu>

Dear List:

I got a nice G-133F receiver (a.k.a. Collins 51S-1), and I would like to use it with the matching panadapter: G-186 (by LTV Temco). Soooooooo..., if anybody has (or knows about) one for sale, please let me know. (Non-fatally wounded units are also OK, I can fix it.)

Thanks for your help and 73's
-- Gabor

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Glen Galati <eldim@worldnet.att.net>
Subject: grill cloth
Message-ID: <19970425095516.AAA11331@GLENGALA>

Hello BA's,
I,m restoring an old Crosley radio and I need to replace the grill cloth. I thought someone on BA posted the name of a place that has a large assortment according to the type of radio. Could someone point me in the right direction?
Thanks,
73, Glen Galati   eldim@worldnet.att.net

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Jake Hellbach <kk5hy@accesscom.net>
Subject: Re: grill cloth
Message-ID: <2.2.16.19970425122539.38cf0444@accesscom.net>

Glen,
Look in my web site (url in signature), In the "boatanchors" section I have
listed a site that has a large selection of grill cloth with gif's of them
online. You can also order from the site.

Hope this helps,
Jake KK5HY

At 09:56 AM 4/25/97 GMT, you wrote:
>Hello BA's,
>I,m restoring an old Crosley radio and I need to replace
>the grill cloth. I thought someone on BA posted the name
>of a place that has a large assortment according to the
>type of radio. Could someone point me in the right direction?
>Thanks,
>73, Glen Galati   eldim@worldnet.att.net
>
>
>

-------Dedicated to the care and feeding of Vintage Radio----------------
Email via: kk5hy@accesscom.net
----------------------A.M.I. #832-----------------
http://www.accesscom.net/~kk5hy
Updated with Boatanchor links!!!!

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: williams@snowhill.com
Subject: Re: grill cloth
Message-ID: <3360548E.370C@snowhill.com>

> I,m restoring an old Crosley radio and I need to replace
> the grill cloth. I thought someone on BA posted the name
> of a place that has a large assortment according to the
> type of radio. Could someone point me in the right direction?
> Thanks,

> 73, Glen Galati eldim@worldnet.att.net

Glen,

I remember somebody was mentioned on Rec.Antiques.Radio-Phono about six months ago. I would put up a message there. I always get a lot of replies when I need something for restoration. There are people who have stocks of the original materials for a range of models. Crosley's are pretty popular with that gang. That's also a good place to find decent prices on NIB tubes.

Barry

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Warren, Mike" <mwarren@fs.com>
Subject: Hammarlund clocks
Message-ID: <c=US%a=_%p=FSFT%l=EMAIL-970425125038Z-71@email.fs.com>

Hi Gang,

Just spotted this on rec.radio.swap:

We have reproduced the 12hr and 24 hr Hammarlund clocks.
quartz movements, with orig front faces, no timer functions,
telechron symbol replaced with Hammarlund symbol.
so far, we have had raves about the quality of the clock

rehummel@aol.com for catalog on line,
no web site yet.

to order
visa mc ok
1-800-372-4287 orders only (please?)
1-608-255-0400 technical

or send your check or mo to
R&R Designs,
202 Midvale Drive
Marshall, Wi, 53559
$39.95 per clock plus $3.00 shipping, add $1.00 extra shipping for second
clock, 50 cents extra for each after two...

Thanks....
and thank all of you for all of your support!!

73 Rob

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: John <johnmb@mindspring.com>
Subject: Re: Hammarlund clocks
Message-ID: <199704251323.JAA24073@brickbat9.mindspring.com>

This is the same group that was remanufacturing the
clock bezels....has anyone gotten any of them yet?
/John

At 12:55 PM 4/25/97 GMT, you wrote:
>Hi Gang,
>
>Just spotted this on rec.radio.swap:
>
>We have reproduced the 12hr and 24 hr Hammarlund clocks.
>quartz movements

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Walter L. Marshall" <wmarshal@CapAccess.org>
Subject: Re: Hammarlund clocks
Message-ID: <Pine.SUN.3.91-FP.970425142911.4982A-100000@cap1.capaccess.org>

   Dear Boaters,
   Reportedly, nice Hammerlund clock covers, will be available
from Mike at <wb9iog@revealed.net>.
   Walter

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: William Donzelli <william@ans.net>
Subject: Re: Heathkit paint! (Forwarded msg.)
Message-ID: <199704241916.AA20729@interlock.ans.net>

> I called Robert and ordered a quart of paint for a Ranger restoration. He
> told me its the same formula for the orginal Johnsons.
> He is a very interesting person to talk to, he gave me some very good
> painting tips!
> He dosen't have a web site yet but his email address is: rehummel@aol.com
> 800 number is below in the included portion of the message.

Does he formulate wrinkle paint to specific colors (grays)?

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Robert Lawson <lawson_r@popmail.firn.edu>
Subject: Re: Heathkit paint! (Forwarded msg.)
Message-ID: <335FD2D6.11C9@popmail.firn.edu>

Fellow BA'ers,
I agree.Just got off the phone with Robert. I believe the BA community
is going to have a very excellent source now for painting our treasured
toys. This gentleman is very interesting and knowlegeable. He said if
one wishes to have his paint catalogue just email him (rehummel@aol.com)
and and one would be emailed (he doesn't have one in print at this
time). I'll be ordering some Collins colors.

Rob W4RL Pensacola

Jake Hellbach wrote:
>
> John and everyone,
>
> I called Robert and ordered a quart of paint for a Ranger restoration. He
> told me its the same formula for the orginal Johnsons.
> He is a very interesting person to talk to, he gave me some very good
> painting tips!
> He dosen't have a web site yet but his email address is: rehummel@aol.com
> 800 number is below in the included portion of the message.
>
> His prices are:
> Spray can: 14.95 3.00 shipping
> Pint 12.95   3.00 shipping
> Quart 19.95 6.00 shipping
> touch up bottle 6.00
> Cans of paint are thinned and ready for spraying.
>
> He said he will email his entire catalog to me, I will incorporate it in my
> web site.
>
> 73' Jake KK5HY

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: George McCrary <geo@ipass.net>

Subject: HQ-170 Meter Paper Available
Message-ID: <3.0.16.19970425082643.2ee782de@ipass.net>

Hello Folks,

A friend of mine (Doug Hall KF4KL) has re-done his yellowed HQ-170 meter. To my untrained eyes it looks great! He scanned the original meter, changed the yellow to white, then used Corel trace to sharpen it up.

He has the Adobe Acrobat file, can change it to other file types or we can print a sheet out for anyone on a laser printer (I think a sheet has 6).

Anyone who wants an attached file can E-mail him kf4kl@ipass.net or me geo@ipass.net. Make sure you specify the file type you want. If you want a couple of printed out sheets, send me an SASE to my callbook address (KQ4QM).

73,

George (KQ4QM)

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Tom LeMense <LEMENST@fhsmtp.fh.trw.com>
Subject: IF bandwidth sweeping / log response
Message-ID: <s3608804.050@fhsmtp.fh.trw.com>

Folks,

I have been using a silicon solution (!) to help me keep the IF sections of my firebottle friends in good shape -- actually, I have two circuits that have been working well so far, both similar in nature and work with any sweep generator setup.

In order to see the log response of an IF on my scope, I have made two circuits built around a commercial IF strip IC, specifically, Philips NE604/614 and Temic UA4314B. These IC's both have have RSSI (received signal strength indicator) outputs that are fairly log-linear This is a requirement for AMPS cell phones, so there are undoutedly many other IF chips that will do the job. Philips application note AN1991 shows the circuit for an audio meter driver, which gave me the idea of using this type of IC for IF BW response.

The Temic part works well at 10.7 MHz, but gets pretty distorted much below 4-5 MHz, and has an input Z of 330 ohms, so I don't really recommend it for any work other than 10.7 MHz. The Philips part works well at both 455 KHz and 10.7 MHz, and should work at 24 MHz as well (I've never tried, had no need). Bypass the heck out of these parts, and you should have no problems using them for this type of application. You may want to do as I did and construct a small FET buffer to drive the approx 1.5Kohm input Z of the NE604/614 chip. The FET keeps the IC input from loading down and distorting the IF response.

I also tried the "meter drive" output of the venerable CA3089 (?) IC and found that it DOES NOT work well for this application as it is not a very faithful log response -- not that it was ever expected to be, I suppose...

-tom   KC8GFQ

Thomas LeMense * Sr. Project Engineer
TRW Automotive Electronics Group
Farmington Hills, Michigan facility
810.615.7822 * 810.478.7241 fax
internet: lemenst@fhsmtp.fh.trw.com

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Walter Dail <dail@CEBAF.GOV>
Subject: Johnson Valiant Bolts(long)
Message-ID: <1.5.4.32.19970425121252.0067f584@jlab.org>

Hello boat folks,
  I finally got the Valiant I've been looking for. 100% complete but I'm missing two of the long cabinet screws. Anybody have any extras???
There was a guy parting out a Valiant but I dunno who he is.

See you all at Dayton!

Thanks,
Walter Dail - KT4JA
dail@cebaf.gov

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: Johnson Valiant Bolts(long)
Message-ID: <v03007803af865707c011@[134.53.65.12]>

> I finally got the Valiant I've been looking for. 100% complete but
>I'm missing two of the long cabinet screws. Anybody have any extras???

>Walter Dail - KT4JA
>dail@cebaf.gov

Hi Walter,
Sorry, I can't help you, but at least I can sympathize with your problem. My Valiant was also missing the two screws and it took me two years to find replacements. I've since learned that nearly all owners remove the screws. When switching to transmit, the Valiant makes a resounding Clunk as the magnetic field from the power transformer impacts the metal case. The noise is reduced if the long cabinet screws are removed. Most Valiants will have them missing.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Joe Eide <jeide@eau.net>
Subject: Re: Johnson Valiant Bolts(long)
Message-ID: <3360E1ED.5AAF@eau.net>

Walter Dail wrote:
>
> Hello boat folks,
>   I finally got the Valiant I've been looking for. 100% complete but
> I'm missing two of the long cabinet screws.

Hi Walter,

     I bought some after market screws from a fellow a couple years ago. When I get home, I will look up the info.

     73 .. Joe Eide - KB9R

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: MODSTEPH@ACS.EKU.EDU
Subject: JUNO sign-ons
Message-ID: <01II4GUTYV76008WUX@ACS.EKU.EDU>

..as in, how do y9ou use JUNO for signon? I seem to recall that
covered here a few months ago, but seem to have misplaced the
information
on how to get a JUNO.COM signon. Can anyone hyelp me on this one?

     73, Al N5AIT
   modsteph@acs.eku.edu
   Allan Stephens
   Richmond, Kentucky

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: deanbers@ix.netcom.com
Subject: Losing my mail, mind and patience....
Message-ID: <199742419201656334@ix.netcom.com>

One of my pleasures is to get home and read the mail from this group and other reflectors which I subscribe. Recently, my new software from Netcom called Netcomplete has been having problems which could be considered "fatal" and I lose all my mail in my inbox, past and current. This has happened twice now in the last week and the three strikes and your out rule will be enacted shortly if this continues.

Anyone sending me private E-mail may consider resending it if I have not responded.

Also perhaps those using other packaged software may respond by private E-mail (less bandwidth taken) with their current favorites. Perhaps Netscape Gold or something else would be better.

Sorry for the off subject topic.
Dean, KO6IJ

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Glen Galati <eldim@worldnet.att.net>
Subject: Microdyne 1400
Message-ID: <19970425062343.AAA7872@GLENGALA>

Hello BA's, Recently aquired some nice receivers.
I need some info on a Telemetry receiver, the Microdyne 1400 MR.
PN: LM105-316-01. It has the following modules: RF Tuner Model
1415VT (2200-2300MHz); Spectrum Display Unit 1461-S; IF Filter
Amplifier 1420-I Series; FM Demodulator Model 1444D. Even though
the unit is predominately SS I consider this to be an official BA
since it has a "Visual Firebottle" and weighs over 50 lbs est.
I would like to dialogue with any fellow BA'er concerning availability
of manuals, articles, who has, or a source for information.

Thanks in advance,

Glen Galati, KA7BOJ
eldim@worldnet.att.net

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Joseph W. Pinner" <kc5ijd@net-connect.net>
Subject: Mil manuals for sale
Message-ID: <199704251127.GAA05527@dns1.net-connect.net>

Have the following original manuals for sale:

VRC-12, -43, -47, etc	TM 11-5820-401-10-2	$ 7.50
VRC-12, -43, -47, etc	TM 11-5829-401-34-2-1	25.00
PRC-77	TM 11-5820-667-12	10.00
PRC-74	TM 11-5820-590-35	25.00

Have the following copies for sale:

USM-117	Navships 94344A	10.00

Schematics for Ground Radios TM 11-310 1943
Fair Radio Sales partial copy 18.00

All plus shipping.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: Mt. Beacon Hamfest 4/27/97
Message-ID: <335FD113.1C73@tl.infi.net>

Morning, Will be at the Mt. Beacon Hamfest Sunday with the Usual
Goodies. Need info, Email me. As for CB calls, I got mine several months
after they opened up. Of course I got my Ham Ticket in 1951 FT. Sill,Ok
Just a note of interest. Anyone need parts for their Alliance
Rotor Email. As for Bristol Wrenches, Abt a year ago I had many new
complete sets with handle. As always enjoying BA net 73,s Al W3UGD

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: hikrbikr@erols.com
Subject: NC-183D Relationship to NC-400
Message-ID: <335FE07C.2620@erols.com>

I have an NC-183D that I'm working on at a slow pace. Meanwhile, I've
been studying Moore's book, Communications Receivers, the Vacuum Tube
Era: 1932-1991. After reading a message back in March from Carl, KM1H
on how National installed crystal oscillators in NC-183Ds and others
when in for servicing, I noticed the NC-400 looks like a remodeled
NC-183D. The IFs are the same and the tube line-ups are similar. And
the second converter in the 400 uses a crytal osc. I don't have a
schematic for the NC-400 (I've never even seen one), but suspect that
the 400 is National's last version of the proven design that appears to
have originated in the NC-173. Can anyone comment on this?

73, Mike Steussy
AE4R
Vienna VA

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: EdKB2NSP@aol.com
Subject: Need a few Heath Parts
Message-ID: <970425002543_-1768984849@emout11.mail.aol.com>

Greetings fellow BA fans !
     I need a few parts to repair an HO-10 monitor scope ! I need (2) 0.15uf
1600 volt caps, and the phase shift network P/N 84-22 for the two tone
generator . I'll buy or swap for them
    Thanks !

Ed K.

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Need RF xfrmer, Halli S20R
Message-ID: <1997Apr25.132120-0500@spike.vuse.vanderbilt.edu>

I have a wretched pitiful Halli S20R that I have been resuscitating for about a month. At this point, it's become a matter of principle (see recent post, "For Sale, S20R, rusty cabinet, crummy dials, missing about half its parts, $750). At least the knobs are good....

So it is almost in satisfactory working condition, but it would not pick up WSM (our local Clear Channel, home of the Grand Ole Opry) worth anything. That's bad.

Turns out that the primary in the BC band antenna transformer primary is open. I am looking for a replacement. It is Halli part # 51B230, Band 1 (BC) Antenna Transformer, and is probably common to anything from the S20 through an SX62, certainly used on the S40 series. If anyone has a junker they'd be willing to search for a transplant I'd be grateful. Alternatively, any suggestions for a trick to get around the problem would be welcome. At present, I am simply bypassing that transformer with a 0.05 uF cap, which doesn't work too badly.

73 A. B. Bonds

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: No See "ER" for April
Message-ID: <199704250035.TAA06693@mail.ionet.net>

Has anyone else besides me NOT got their April issue of Electric Radio? It generally shows up here about mid month to the 20th. I'd say it is about a week past due.
73/Mike

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Old calls

Message-ID: <199704250211.VAA24306@server1.ils.net>

At 02:12 AM 4/24/97 GMT, D.D. Todd wrote:
>There have been several references to old WPE calls. It's interesting that
people
>remember those, but I guess that's what call signs are for. On that
subject, how

I just looked in one of my junkboxes and found the Popular Electronics
certificate VE3PE1FB that I received from them.
..Mike VE3FGU

****
Mike & Lynda Toneri   E-mail: toneri@ils.net
****

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: k1zat@dsport.com
Subject: RE: Old calls
Message-ID: <Pine.GSO.3.95.970424222342.5875C-100000@puff>

> On that subject, how many were CBers before the 11 meter band
> went to the dogs;

Better yet, how many people can remember when 11 meters was
an amateur band and how many of those can say they operated on
it ? I can remember but I didnt; I'd bet that Jack did.

> BTW haven't been on CB for better than 20 years but listen
> once in a while until the garbage get to me. Usually about 5
> minutes. 73 Jim K4CGY

You have a lot of patience..

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
Subject: Re: Old Calls and To The Dogs
Message-ID: <199704242247_MC2-155C-EB80@compuserve.com>

Part of the comments concerning old CB calls recently posted to the list.

> On that subject, how many were CBers before the 11 meter band
> > went to the dogs;
>
> Better yet, how many people can remember when 11 meters was
> an amateur band and how many of those can say they operated on
> it ? I can remember but I didnt; I'd bet that Jack did.

I for one had a CB call. I operated for a while as 6W0402/Unit2 and then 6Q0520/Unit 2. Finally got my own call KDB4784 which license is behind all of my old ham tickets in the same frame from way back then.

I remember the CB band when it was graced by "gentlemen". I also remember the ham bands before they went to the "Dogs" as well. If you doubt the difference between the CB band and todays Amateur bands just listen to 3894.5 or some of the other frequencies occupied by today's enlightened amateurs.

One of my reasons for operating AM. Trying to recapture the way it used to be when people were courteous and civil to one another.

FWIW . . .

Regards to all,

~~~~~~
Andrew E. (Andy) Howard, Sr., WA4KCY
105 Sweet Bay Lane
Carrollton, Georgia 30116-8519
Telephone 770-832-0202
Southeastern Division Director, AM International
wa4kcy@usa.net   wa4kcy@juno.com   wa4kcy@qsl.net
Listowner QSL Net Vintage Radio List
Vintage Radio Home Page Address:
http://ourworld.compuserve.com/homepages/sweetbay
                  <><
~~~~~~
            Keeper of the Hallicrafters SX-88 Owners List
~~~~~~
         Vintage Radios, Electric Trains, Machine Guns, etc.

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Jay Coward <jayc@hpcmrd42.sj.hp.com>
Subject: RE:old CB calls
Message-ID: <9704242150.AA23254@hpcmrd42.sj.hp.com>
~~~~~~

had KAX7735 for operating radio controlled
airplanes.Built a single channel tx and a
superregen rx from kits.The output keyed a
device called an escapement which actuated
the rudder.
My first R/C set was also single channel
and was TUBES!! The plane had to be large enough to carry
B+ and A and -C batteries.The set was made by a company named
BABCOCK in Van Nuys CA.The tx with batteries weighed in at about
10 lbs.
When I got the lisence,my Dad made me read ALL the FCC regs.!
73 Jay

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
Subject: Old QST FS
Message-ID: <E1506ZWUUCBL9K*/R=FIRNVX/R=A1/U=WOODJ/@MHS>

I have the following QST for sale, June, July,Aug, Sept 1917
intack in fair to good cond. Best offer for all.
Jim , N4ACS
woodj@mail.firn.edu
Philosoph

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: "Mike O'Brien" <mobrien@lib.drury.edu>
Subject: Planning ahead for leaving behind...
Message-ID: <9704242002.AA53086@lib.drury.edu>

From time to time on our beloved BA and other discussion groups, the topic arises of how to prevent leaving a BA mess for your family and friends after you trek to that Great Shack in the Sky.

I've helped a couple of widows dispose of their late husbands' collections and have come to realize that, while they appreciate receiving a fair price for gear, the widows also feel a deep emotional need to see that the radio gear (which they may often have rued as "junk" while the Chief Op was alive) goes to someone who understands and appreciates it for what it is. To have it wind up on some scrap heap would be to dishonor the deceased.

So, although I plan to be around for decades yet, I've inventoried my modest collection. The inventory is kept on my computer (paper printouts are in my wife's file cabinet) so it easily can be updated. I try to annually revise my reasonable estimates of fair market value for each item.

Trouble is, the more I've tinkered with the darned thing, the more dissatisfied I've become with my database. All I did was build it in word-processing software. So "sorting" capabilities are limited. And the

more info I add to each entry, the more I wish I could do some more sophisiticated searching and sorting.

Before I get into trouble for talking computers, let me get to the point: Does anyone out there keep a computerized inventory of their BA stuff using more sophisticated software than WordPerfect?

Please respond privately, to keep silicon-based subject matter to a minimum on BA. If anything amazing surfaces, I'll share with the group.

Thanks!

73, Mike K0MYW

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Premier Metal/ Cas for the R-390A
Message-ID: <UPMAIL03.19970424235245043@msn.com>

Hey Gang, This is a request for info and a question about privacy.
Well, I posted a while back that I wanted a brand new case, for my R-390A and I called Premier Metal Products in Calif. The salesman was very helpful and calling from work, I mentioned that I was at an AT&T location, not my home. He said he would send me a catolog and I stated thats not neccesary, just send me a FAX with the POR and DCR types. He said
OK and that was that.
1. Question , is the DCR -100 the one I need, I got a quote for 104.12 plus about 15 bucks estimate freight.
2. Privacy---- I only gave the fellow my fax number at work. The quote had me listed as ALLAN which is not a normal speliing of that name, MY room number at work, correct address and zip and my work number. How and the heck did they get all that info about me on a 1 minute call. AT&T has that information on our own INTRANET like most large companys but it's supposed to be firewall protected.

At any rate, question # 1 is the most Iam concerned about.
Just Curious and completely off topic... Sorry Jack
Al
fritsche@msn.com

BTW, still looking for an HT-32 Exciter Sub-assembly.

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: k1zat@dsport.com
Subject: Re: Re Old Calls
Message-ID: <Pine.GSO.3.95.970424223251.5875E-100000@puff>

> This was right before the days of 27 mhz. CB. It was still an
> amateur band then (26.96-27.23 Mhz) It used to open at times
> before 10 meters opened. I worked it many times with my
> present ham call in the "pre-CB" days.

A dearly departed friend of mine, W9WCE (sk) told me stories
about being on 11 meters and working Europe, South Africa,
SouthWest Asia and other places who were on 10 meters. Sort
of a "cross band" thing, I think because 11 meters was not
a worldwide ham band. Yes/no ?

   jd

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: RF Grounding.
Message-ID: <1.5.4.16.19970424144101.3757772a@ms1.nwla.com>

Fellows, the K-Com filters from AES fixed my phone problems, and
surprisingly enough, took the TVI out of my home stereo/tv system.
I can't believe it, but it must have all been coming in on the phone
system. I put 2 filters outside in my demark, and one in each phone.
knocked it right out.

putting 4 large chemical anodes in the ground this weekend, this should
be the crowning touch to my Halo ground system.

Ronnie

| Ronnie Hull - W5SUM ex-WB5AIA |
| 3131 Meadow Parkway dr. |
| Shreveport, La 71108 |
| |
| 318-688-1389 318-687-3135 Fax |
| 10X - 2019 "try ten meters!! " |
| |
| looking for a Johnson 500 |
| (go ahead and snicker!!) |

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: rhys@ix.netcom.com (Lawrence D. Wolken)
Subject: S-line Rcvr S-Meter -- Help
Message-ID: <199704251537.KAA27969@dfw-ix11.ix.netcom.com>

Hi Gang --

I've seen several S-line recievers over the years and in many of them the S-meter seems to loose sensitivity and need adjustment to bring it back up to somewhere near right. A favorite reciever, my 75S-1 has recently done that and is beyond the adjustment range. The very strongest signals only seem to register about an S6. There is no more adjustment left in the gain control and I wondered, because they all seem to do the same thing, if there is a common problem -- a component that drifts in value or something in the meter?

Anyone have any thoughts on this??? Thanks for the help.

Larry Wolken N3OJD

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: JIM_ALLEN@HP-Cupertino-om5.om.hp.com
Subject: SBE-34
Message-ID: <H000030e0a52ef72@MHS>

> I just got a SBE-34 transceiver. It's very clean and seems to work well. The only problem is that the S-Meter doesn't seem to work on receive. Anyone ever fixed this before? Also, I'd be interested in getting a service manual if such a thing exists.
>
> Thanks,
>
> Jim
>
> KQ6LB

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: Laird_Tom_N@hpmail1.90.deere.com
Subject: Swan 250 help
Message-ID: <H00005a004e808b3@MHS>

I am working on a swan 250(2drifty). One of the problems is that when you turn the RF gain up past 3/4 range you get a bad audio squeal from the speaker. AF gain acts normal. Any ideas?

Tom Laird WC9M Moline, Il
TL39597@deere.com

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Sweep Alignment/ scope speed
Message-ID: <UPMAIL03.199704250041520783@msn.com>

Hey gang, I agree with Ben .. The speed of the scope has a lot to do with persistence of the trace.
I am currently building a little sweeper (Subject resides as we speak on the bench).
Funny thing about sweep generators, you can make them as cheap or as expensive as you want.
BEN, Iam using a design from about 1979 from ELECTRONIC SOMETHING mag... I would like to see your design before I proceed any further.
EMAIL me privately.
Thanks
Al
fritsche@msn.com

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Al Klase <skywaves@bw.webex.net>
Subject: Re: Sweep needs
Message-ID: <335FDD38.5A8A@webex.net>

Benjamin D. Hall wrote:
>
> Folks: maybe I'm slow or missing the point, but couldn't you just take
> your sig gen and counter, set it for IF freq minus 20 kc or so, feed it
> into the radio, measure the response of the IF on the O-scope past ye old
> filter, set it for IF minus 19 kc, measure the response, repeating until
> you are up to IF freq plus 20 kc or so, then draw a graph with these data
> points?
>
Keepers and Maintainers of the Ancient Relics,

I'll try not to turn this into a major disertation, but there seems to be a number of us thinking about sweep aligning IF's.

In most boatanchor receivers, the IF's are tuned to exactly to the same freq. by applying a test signal and peaking all the tuned circuits. Depending upon tuned circuit Q's and the degree of coupling permanently built into the IF cans, the bandwidth comes out in the 5-8 kc range, perfect for communications qualiity AM. In this case, if you wanted to verify the band width, skirt selectivity, etc, Ben is correct, it would be quite simple just to make measurements with a sig gen with a calibrated attenuator and some sort of output indicator on the RX.

There are two other cases, where more sophisticated methods may be profitably used. One is for wider IF's, like the 12 kc position on an SP-600 or 16 kc on an r-390. In this case we may be required to stagger

tune the circuits, i.e., tune some above and some below the center frequency. The other is narrow bandwidths, a la single rock crystal filters as used in many of our sets. Most of the vintage maintence manuals specify alignment proceedures that do not require sweep generators or scopes, however, in this day and age, especially when restoring an old set that might have subtly deteriorated components, it's extremely handy to get a real time look at the selectivity curve while you're diddling the adjustments. I find this is especially true with the xtal filters and phasing controls, many of which have been hopelessly "knob dicked" by the last guy that "aligned" the set. (They told us in signal school at Fort Monmouth that knob dickers were the guys that tightened the loose screws on the IF transformers!)

To adjust the wide IF's a garden variety sweep gen and a scope may work ok. In the narrow band case, slooooow sweep rates are required for the reasons Geo. Rhett mentions. I'm also a believer in a logorithmic output indicator, in order to get a truer picture of the skirt response and observe response details like the rejection notch of a crystal filter. However, this is more of a development lab technique. Does make things easier, though.

73,
Al
--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: Sweep needs
Message-ID: <3.0.1.32.19970424152303.006a5a14@mailman.ghgcorp.com>

> Yes indeed Ben one can easily "measure" the response of an IF the
>way you suggested. In fact someone here replied to me with that method.
>On the other hand if you want to do an alignment this method will take a
>long long time especially if you are aligning an AR-88.

AH HA! Now I see why people wanted to measure the response! I had thought people wanted to meausre the response just to see what the curve looked like, and not for the purposes of aligning to a particular response curve.

But then again, and maybe the stupid bug is biting me again, but couldn't you set the sig gen to the first IF freq and align it, then reset the sig gen to the center freq of the second IF and align it (giving the "left hump" in the response), and then reset the sig gen to the center freq of

the third IF and align it (giving the "right hump")? Seems to me this would be an easier method as you are only adjusting one (or maybe two) adjustments per iteration, where you'd be trying to simulataneously adjust three six parameters simultaneously to get the right picture with the sweep gen and scope?

Isn't this the method I have seen for stagger tuning R-390A IF's??? Set to 455 kc, do the 1st IF, set to somewhat less than 455 kc, do the 2nd IF, and then set to somewhat more than 455 kc, and do the 3rd IF?

Is my memory correct, or am I nuts?

Thanks and 73,
Ben "someday I'll understand this sweep alinging stuff well enough to feel okay enought to tackle alignment of my SP-600-JX-17's once I get them recapped..." Hall
---
Benjamin D. Hall - Junque collector extraordinaire.
Located in Houston Texas.
e-mail: BDHall@ghg.net
web page: http://www.ghgcorp.com/bdhall

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: k5jv@vonl.com (Lon W. Cottingham)
Subject: TBY antenna wanted
Message-ID: <335FEFAC.24CD@vonl.com>

Greetings to all,

I am looking for a complete (10 pieces, I think), old style (no spring) antenna for the early TBY. Will consider complete sets or parts units as long as a complete antenna is available.

Please note new E-mail address: k5jv@vonl.com

73 de Lon, K5JV

From boatanchors@sco.theporch.com Fri Apr 25 14:02:33 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: TM11-615
Message-ID: <199704251317_MC2-1564-B58B@compuserve.com>

I am looking for an origonal or first generation
copy of the TM for the BC-659.

Can anyone help.

Ben G4BXD.
MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: DaveKamp@aol.com
Subject: To those haf-dozen respondants of...
Message-ID: <970424223034_-965096750@emout04.mail.aol.com>

my inquiry "Anyone know anything about..." regarding Motorola Handie-Talkie with telephone-style handset, please 'ping' me with your Eaddress. I had the misfortune of having my 'company loaner' laptop turn south, loosing everything, including your names and possible military IDs for this BA.

TNX/73
Dave Kamp KC0AHZ

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: kb5wwo@juno.com (George Folse)
Subject: WTB HQ 110 Front Panel
Message-ID: <19970424.203747.5071.1.kb5wwo@juno.com>

Hi All,
       Looking for a good front panel for an HQ 110 to replace my worn out one.

George Folse   KB5WWO   kb5wwo@juno.com
630 Dolhonde St.
Gretna,La.70053
504-362-1896   ph/fax
Collector of Heathkit,EF Johnson,and Atwater Kent   AMI#937

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: WTB: *Good* URM-25D
Message-ID: <33600F34.2CCF@erols.com>

Looking for a good URM-25D: Complete, undamaged, operational, with front cover and the corresponding appurtenances.

     Paul, K4MSG   bocks@erols.com   or pauboc@pulse.com
                     (540) 882-4745   (703) 471-2900 x4536

From boatanchors@sco.theporch.com Thu Apr 24 23:29:09 1997
From: Randy Zelick <h2rz@odin.cc.pdx.edu>
Subject: wtb:R-1051
Message-ID: <Pine.PTX.3.91.970424131250.8810B-100000@odin.cc.pdx.edu>

Hi folks,

I am about to order a R-1051B receiver from Fair Radio. They have them for $350.00 in checked/operational condition. To my location there is another $53.00 in shipping so I am looking at 400 bux. Now there may just be someone out in BA land with an excess 1051 receiver which they would like to sell for less, and this is your opportunity!!

If anyone would like to sell me their receiver, especially if it is closer to Oregon and/or includes an original manual, please call or send an email. If not -- no biggy, I'll just make a Monday AM the call to Lima.

Cheers,

=Randy=

R. Zelick
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email: h2rz@odin.cc.pdx.edu
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